

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	760	(359/334).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/15 10:19
L2	0	"l1" and ("400 GHz".clm.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/15 10:19
L3	1	"20020063948"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/10/15 10:20
S1	549	(359/334).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/15 10:19
S3	488	S1 and @ad<"20030627"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 08:47
S4	31	(miyamoto.in. or shigematsu.in. or nishimura.in.) and raman and transmitter	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 08:48
S5	5	S4 and spacing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 08:57
S6	1	("6292288").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 08:58
S9	5	((("4699452") or ("5589969") or ("5790300") or ("6205268") or ("6263139")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:00
S10	8	((("6282002") or ("6611370") or ("6646787") or ("6687443") or ("6693740") or ("6731877") or ("6748178") or ("20040032640")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:02
S11	13	S9 or S10	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:20
S12	7	'wide channel spacing' and raman	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:38
S13	801	((398/182) or (359/334)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:38
S14	194	S13 and spacing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:39

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S15	20	S11 or S12	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:39
S16	188	S14 not S15	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:39
S17	89	S16 and ((channel adj4 spacing) or (wavelength adj4 spacing))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:49
S18	712	S13 not S17	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 09:49
S19	1	("20040028416").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 10:20
S20	0	'concatenation of optical amplifiers'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 13:47
S21	11	concatenation adj2 'optical amplifiers'	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/06 13:48
S22	1	("6496305").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/09 07:55
S23	1	("6785472").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/09 08:46
S24	314	'negative chromatic dispersion'	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/09 07:56
S25	164	S24 and (dispersion same channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/09 07:56
S26	19	S25 and 'raman amplifier'	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/09 07:56
S27	1	("20040028416").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/09 09:06
S28	128	'longitudinal mode' and 'raman amplifier' and pump	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/09 09:07
S29	81	S28 and @ad<"20020627"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/01/09 09:09

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S30	1	("6785472").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/01/09 09:09
S31	24	akasaka.in. and raman	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/22 11:14
S32	1	("6785472").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/22 11:28
S33	1	("6292288").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/22 12:01
S34	0	("direct modulation laser" NEAR transmitter) and "raman amplifier"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/22 12:01
S35	0	("directly modulated laser" NEAR transmitter) and "raman amplifier"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/22 12:02
S36	288	"direct modulation laser"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/22 12:02
S37	10	S36 and "raman amplifier"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/07/22 12:02